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Pomona Electronics
73026

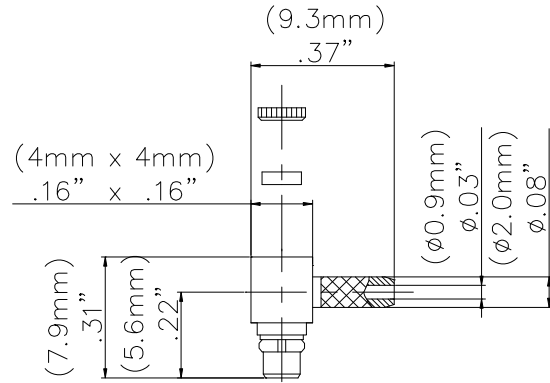For any questions, you can email us directly:
sales@integrated-circuit.com

Technical Data Sheet

Model 73026
MMCX PLUG R/A CRIMP, RG178

Model 73026 MMCX PLUG R/A CRIMP, RG178

Snap-on coupling and micro-miniature size for fast connect and disconnect where space is limited

Features

- DC - 3 GHz bandwidth.
- 50% smaller than MCX connectors.
- Connectors allow rotation of 360˚ for layout flexibility.
- Non-slotted contact design for low RF leakage.
- Meets CECC 22340.
- Perfect for applications where space, weight, performance and ease of assembly are required.

Materials

- Body is machined brass with gold plating.
- Center contacts – Plug is gold plated Phosphor bronze and Jack is gold plated beryllium copper.
- High quality PTFE insulators.
- Crimp Ferrules are gold or nickel plated copper.

Ordering Information

Model: 73026
Description: MMCX PLUG R/A CRIMP, RG178

USA: Sales: 800-490-2361
Technical Support: technicalsupport@pomonatest.com
Fax: 425-446-5844

Europe: 31-(0) 40 2675 150   **International**: 425-446-5500

Where to Buy: www.pomonaelectronics.com

Specifications

Impedance	50 Ω
Frequency Range	DC - 3 GHz
Working Voltage	170 Vrms max.
Dielectric Withstanding Voltage	500 Vrms
VSWR	1.4 max
Center / Outer contact resistance	0.01 / 0.005 Ω
Number of insertions	500 cycles minimum
Insulation resistance	> 500 MΩ
Temperature Range	-55˚ C to 155˚ C, -67˚ F to 311˚ F
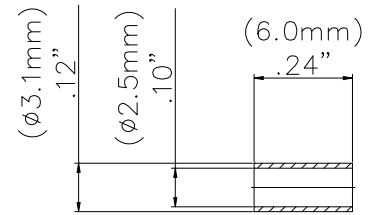
All dimensions are in inches. Tolerances (except noted): .xx = ±.02" (.51 mm), .xxx = ± .005" (.127 mm). All specifications are to the latest revisions. Specifications are subject to change without notice. Registered trademarks are the property of their respective companies.
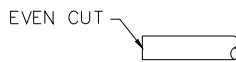D2003458 REV 001

Technical Data Sheet

Model 73026
MMCX PLUG R/A CRIMP, RG178

Cable Types and Crimp Die Information

Connector Model #	Cable Groups	Crimp Die Cavity Size for Outer Ferrule
73026	RG178	.105 (2.67)

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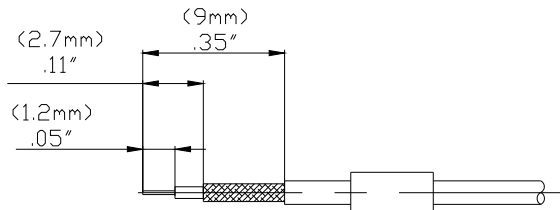### Cable Assembly Instructions

1. CUT CABLE END EVENLY AND PERPENDICULAR
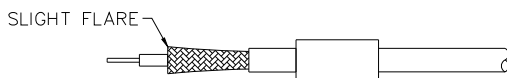
EVEN CUT

2. SLIDE OUTER FERRULE OVER CABLE END.
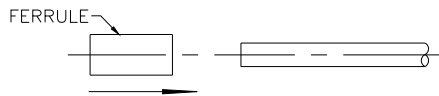
FERRULE

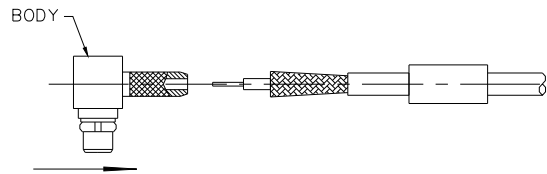3. STRIP CABLE JACKET, BRAID, AND DIELECTRIC TO SPECIFICATION LENGTHS.

(2.7mm) .11"
(1.2mm) .05"
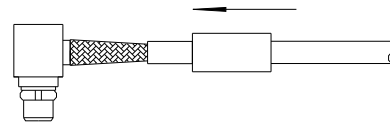(9mm) .35"

RECOMMENDED STRIP LENGTHS

4. FLARE BRAID END SLIGHTLY.
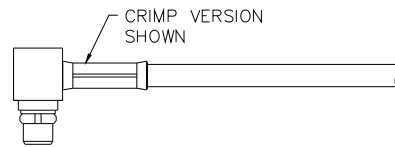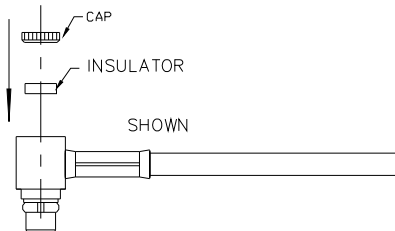
SLIGHT FLARE

5. SLIDE CONNECTOR BODY OVER CENTER CONDUCTOR.

BODY

6. SLIDE OUTER FERRULE OVER BRAID AND UP AGAINST BODY ASSEMBLY.

7. CRIMP OUTER FERRULE WITH APPROPRIATE CRIMP TOOL.

CRIMP VERSION SHOWN

8. PRESS INSULATOR AND CAP INTO CONNECTOR BODY AS SHOWN.

CAP
INSULATOR
SHOWN